Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

No: First and **FINAL BILL** (For Other works)
Division: **Dasarahalli** Date: **Job code No: 012-20-000037**(P code2178)
Bill Received No..... Date..... Cash Book Voucher No..... Dated..... **Sub Division: Shettyhalli Sub Division**
Schedule Documented No.

Name of work (as per sanctioned estimate):- **Improvements to roads and Drains in KG Halli Gurunath Lay Out and Surrounding area in Ward No 12 Shettyhalli**

Name of the Contractor and Full Address: - **M/S K B Constructions.**
/Reference to work order: EE/DD/WO/68/2021-22 **DATE: 13-10-2021**

Certified that the measurement were taken by me on 3/1/2022 and recorded of pages 491418 - 491422

Of measurement Book No: 4915. And that the work is satisfactorily executed.

K.B.
Contractor

Excel-SW
Office-in-charge of work

Certified that the measurements were taken by me on 14.1.22 And found correct.
The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agree upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment **Job code: 012-20-000037**

(Sub division officer)
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

1)Total value of work done or supplies made as per account within	1st and Final Bill Amt - 1,03,50,513=00
2) Deduct amount to be held in reserve being.....percent Rs.....	
3)Deduct amount to be held in Balance	
4)Deduct Payments:	
a)Amount of Previous payment as in the office Cash book Voucher No..... Dated..... S.D.No.....	IT - 207010=00
Amount adjusted towards cash advance recovery of	LWC - 103505=00
b)Payments cost store or other materials supplied	GBF - 10351=00
Now made recovery of amount creditable to this/other work	CGST - 92415=00
Amount paid on this bill Cheque/Cash.	SGST - 92415=00
5)Balance being unpaid value of work done held in reserve	Royalty - 119063=00
6)Deduct cash advance made on the office cash Book Voucher No..... Dated..... less adjustements	TMC certificate
7)Net amount due to or from contractor Unadjusted items	Net - 9725754=00
8)Advance to contractor for materials brought to site (as detailed) with Value of Government materials supplied	

(-) 624759=00

K.B.
Contractor's Signature

Received Rs..... (in words)
.....
By cash and by adjustment of Payment as per memorandum
Witnesses:
1
2
Dated..... Signature of Contractor
Paid by me by cheque No..... Dated.....
Cast Rs..... Dated.....
Initials of Office making payment

Audited and admitted for Rs. 1,03,50,513=00
Passed by Cheque for Rs. 9,72,5754=00
Ninty Seven Lakhs Twenty Five Thousand Seven hundred Fifty Four only
(For use in the Office)
by adjustment Rs. 624759=00
Accounts Superintendent Exe. Engineer
B.B.M.P. Dasarahalli Division

Executive Engineer

Sl No	Description of Work	Unit	As per modified Schedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	Removing & Refixing stone slabs of drains and pointing in C.M (1:3) complete as per the specification & as per direction of Engineer-in-charge of the work	Sqm	2299.71	111.30	255958.00	0.00	0.00	2299.71	111.30	255958.00	2299.71	255958.00
2	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per the specification & as per direction of Engineer-in-charge of the work	Cum	1753.99	233.20	409031.00	0.00	0.00	1753.99	233.20	409031.00	1753.99	409031.00
3	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per the specification & as per direction of Engineer-in-charge of the work	Sqm	4218.11	6.36	26828.00	0.00	0.00	4218.11	6.36	26828.00	4218.11	26828.00
4	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. complete as per the specification & as per direction of Engineer-in-charge of the work	Cum	278.30	1400.00	389620.00	0.00	0.00	278.30	1400.00	389620.00	278.30	389620.00
5	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per the specification & as per direction of Engineer-in-charge of the work	Cum	468.84	1600.00	750144.00	0.00	0.00	468.84	1600.00	750144.00	468.84	750144.00
6	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of0.60 kg / sqm using mechanical meanscomplete as per the specification & as per direction of Engineer-in-charge of the work	Sqm	4077.74	29.68	121028.00	0.00	0.00	4077.74	29.68	121028.00	4077.74	121028.00
7	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per the specification & as per direction of Engineer-in-charge of the work	Sqm	919.48	12.72	11696.00	0.00	0.00	919.48	12.72	11696.00	919.48	11696.00
8	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading; premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and ialignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II Cum (50 mm to 75 mm) with 4.5 % VG-30 Bitumen .complete as per the specification & as per direction of Engineer-in-charge of the work	Cum	45.97	8500.00	390745.00	0.00	0.00	45.97	8500.00	390745.00	45.97	390745.00
9	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015.using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminous binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic) complete as per the specification & as per direction of Engineer-in-charge of the work	Cum	153.91	14500.00	2231695.00	0.00	0.00	153.91	14500.00	2231695.00	153.91	2231695.00

10	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/Concrete Surface: Providing and laying of hot applied thermoplasticcompound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per the specification & as per direction of Engineer-in-charge of the work	Sqm	302.74	450.00	36233.00	0.00	0.00	302.74	450.00	136233.00	302.74	136233.00
11	Cement Concrete Pavements KSRRB M600-1.Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1 ,optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a hatching plant, transported to site,laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601of MORTH V Revision and IS 456 Table-5 -do- with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver. complete as per the specification & as per direction of Engineer-in-charge of the work **up to 125%**	Cum	190.31	3900.00	742209.00	0.00	0.00	190.31	3900.00	742209.00	190.31	742209.00
	Above 125%	Cum	128.43	4255.64	546552.00	0.00	0.00	128.43	4255.64	546552.00	128.43	546552.00
12	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to18:383-2016, with Superplastizer at 3 Its conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades,textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications. -do- with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. (complete as per the specification & as per direction of Engineer-in-charge of the work **Up to 125%**	Cum	190.31	5800.00	103798.00	0.00	0.00	190.31	5800.00	1103798.00	190.31	1103798.00
	Above 125%		300.73	6110.74	837683.00	0.00	0.00	300.73	6110.74	1837683.00	300.73	1837683.00
ERL 1	Providing and fixing precast reinforced cement concrete covering slabs of 10cm thick made out of M25 with OPC cement @340kgs per cum , 20mm and down size graded granite metal corse aggregtes @ 0.70cm and fine aggregates @ 0.74 cum with super plasticizers, machine mixed , incldng providing and removing centering, shuttering strutting propping etc., for edges of slab with TMT steel (Fe500) cost & reinforcement charges incldng finishing as required with cost of reinforcement etc., complete as directed by engineer incharge of the work	Sqm	170.10	1694.94	288310.00	0.00	0.00	170.10	1694.94	288310.00	170.10	288310.00
					9241530.00					9241530.00		9241530.00
									Add GST 12%	1108983.60		1108983.60
									Total cost	10350513.60		10350513.60

One Crore Three Lakh Fifty Thousand Five Hundred ~~Seventy~~ Thirteen Only.

Certificate:

Certified that the contractor has work done satisfactorily.
Certified that the contractor has removed the debries from work site.
Certified that there is no departmental issues made by Contractor .

(Contractor)

ಸಹಾಯಕ ಅಭಿಯಂತರರು

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ವಾರ್ಡ್ ನಂ 12, ಶೆಟ್ಟಿಹಳ್ಳಿ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು